

WO 00/38771

PCT/AU99/01146

- 6 -

CLAIMS:

1. An apparatus for supplying breathable gas, the apparatus including:
a relatively rigid external housing;
at least one noise producing component internal the housing; and
5 a thin flexible enclosure substantially sealed around the noise producing component(s).
2. The apparatus as claimed in claim 1, wherein the flexible enclosure is produced from plastic material.
3. The apparatus as claimed in claim 2, wherein the plastic material is
10 Cosmothene F221-1 or polyethylene.
4. The apparatus as claimed in any one of the preceding claims, wherein the flexible enclosure includes an opening adapted to allow passage of the internal component(s) into the interior of the flexible enclosure.
5. The apparatus as claimed in claim 4, wherein the opening is sealable
15 by adhesive tape.
6. The apparatus as claimed in any one of the preceding claims, wherein the enclosure includes one or more apertures to allow breathable gas into and out of the noise producing component(s).
7. The apparatus as claimed in claim 5, wherein the noise producing
20 components include a blower, an inlet muffler and an outlet muffler, atmospheric air being drawn through the inlet muffler before entering the blower and the resulting pressurised air passing through the outlet muffler after leaving the blower, and the enclosure includes a first said aperture substantially sealable with respect to the exterior of the inlet of the inlet muffler and a second said aperture substantially sealable with
25 respect to the exterior of the outlet of the outlet muffler.
8. The apparatus as claimed in claim 7, wherein the enclosure includes a third said aperture for passage of one or more wires for transmitting power or control signals to an electric motor and/or other electrical components, the third aperture being substantially sealable relative to the exterior of the wire(s).
9. A method of assembling the apparatus claimed in any one of the
30 preceding claims, the method comprising the steps of:
assembling the noise producing component(s) into a sub-assembly;
placing the sub-assembly into the interior of the thin flexible enclosure through
35 an opening therein;
substantially sealing the opening; and
placing the flexible enclosure within the external housing.

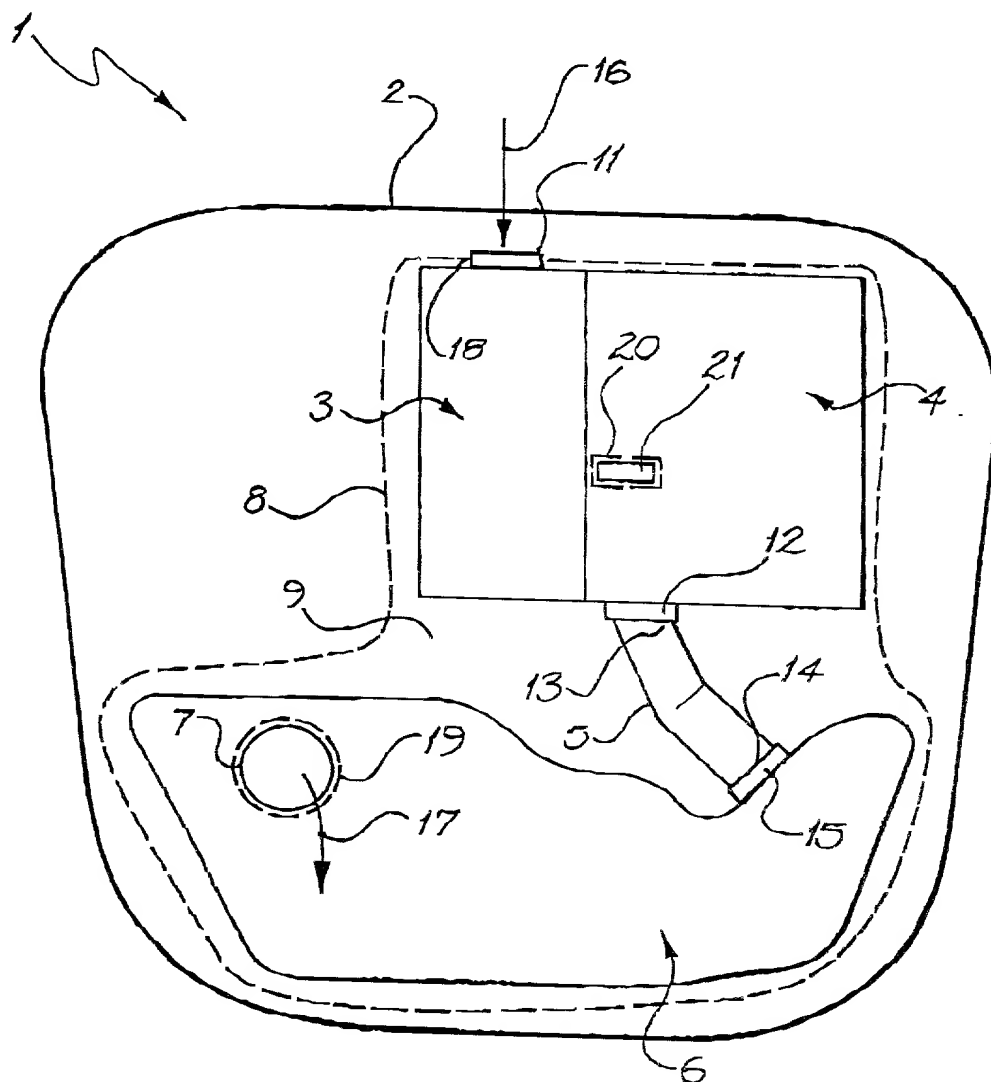


FIG. 1

FOR UTILITY/DESIGN
CIP/PCT NATIONAL/PLANT
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL
DECLARATIONS

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PW
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED

AN APPARATUS FOR SUPPLYING BREATHABLE GAS

the specification of which (CHECK applicable BOX(ES))

X A. ☐ is attached hereto.
BOX(ES) → B. ☒ was filed on June 22, 2001 as U.S. Application No. 09/ 868,875
→ C. ☐ was filed as PCT International Application No. PCT/ / on

and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)

Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patented or Granted	Priority NOT Claimed
PP7896	Australia	23 December 1998			

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)

Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status	Priority NOT Claimed
PCT/AU99/01146	23 December 1999	pending, abandoned, patented	
		pending	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, telephone number (703) 905-2000 (to whom all communications are to be directed), and persons of that firm who are associated with USPTO Customer No. 909 (see below label) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete from that Customer No. names of persons no longer with their firm, to add new persons of their firm to that Customer No., and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or an attorney of that firm in writing to the contrary.

USE ONLY FOR
PILLSBURY WINTHROP



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(1) INVENTOR'S SIGNATURE:

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Date:

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Mailing Address			
(include Zip Code)			

☐ FOR ADDITIONAL INVENTORS see attached page.

☐ See additional foreign priorities on attached page (incorporated herein by reference).

Atty. Dkt. No. P 281479

(M#)